

# INTERNATIONAL SEARCH REPORT

Application No  
PCT/GB 03/05357

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07D333/20 A61K31/381 A61P25/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 457 559 A (LILLY CO ELI) 21 November 1991 (1991-11-21) page 3, line 48 -page 5; claims; example 1	1,2, 4-18,22
Y	WO 00 61540 A (LILLY CO ELI ;KJELL DOUGLAS PATTON (US); LORENZ KURT THOMAS (US)) 19 October 2000 (2000-10-19) page 6, line 24 - page 8; page 11, lines 12-22; claims	1,2, 4-18,22
A	US 5 362 886 A (BERGLUND RICHARD A) 8 November 1994 (1994-11-08) column 1, line 48-56 -column 2; claims; examples 1,2	1-22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

2 April 2004

Date of mailing of the international search report

15/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Chouly, J

# INTERNATIONAL SEARCH REPORT

Int. Patent Application No  
PCT/GB 03/05357

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 273 658 A (LILLY CO ELI) 6 July 1988 (1988-07-06) claims; examples 1,2,8,9,14 & US 5 023 269 A 11 June 1991 (1991-06-11) cited in the application ---	1-22
A	DEETER J ET AL: "ASYMMETRIC SYNTHESIS AND ABSOLUTE STEREOCHEMISTRY OF LY248686" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 31, no. 49, 26 November 1990 (1990-11-26), pages 7101-7104, XP001119089 ISSN: 0040-4039 cited in the application the whole document ---	1-22
P,Y	WO 03 062219 A (BORGHESE ALFIO ;LILLY CO ELI (US)) 31 July 2003 (2003-07-31) claims; examples -----	1,2, 4-18,22

# INTERNATIONAL SEARCH REPORT

Application No  
PCT/GB 03/05357

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0457559	A	21-11-1991	CA 2042346 A1	18-11-1991
			EP 0457559 A2	21-11-1991
			FI 912280 A	18-11-1991
			HU 57760 A2	30-12-1991
			IE 911677 A1	20-11-1991
			JP 4226948 A	17-08-1992
WO 0061540	A	19-10-2000	AU 3877500 A	14-11-2000
			CA 2362185 A1	19-10-2000
			EP 1171417 A1	16-01-2002
			JP 2002541235 T	03-12-2002
			WO 0061540 A1	19-10-2000
			US 6541668 B1	01-04-2003
US 5362886	A	08-11-1994	AT 199084 T	15-02-2001
			AU 685494 B2	22-01-1998
			AU 7572094 A	04-05-1995
			BR 9404045 A	13-06-1995
			CA 2133899 A1	13-04-1995
			CN 1109470 A , B	04-10-1995
			CZ 9402465 A3	17-05-1995
			DE 69426663 D1	15-03-2001
			DE 69426663 T2	21-06-2001
			DK 650965 T3	26-02-2001
			EP 0650965 A1	03-05-1995
			ES 2153850 T3	16-03-2001
			FI 944773 A	13-04-1995
			GR 3035715 T3	31-07-2001
			HU 68943 A2	28-08-1995
			IL 111188 A	15-06-1998
			JP 7188065 A	25-07-1995
			NO 943825 A	18-04-1995
			NZ 264633 A	22-09-1997
			PL 305326 A1	18-04-1995
			PT 650965 T	31-05-2001
			RU 2127269 C1	10-03-1999
			SI 650965 T1	30-06-2001
			TW 381090 B	01-02-2000
			US 5491243 A	13-02-1996
			ZA 9407839 A	09-04-1996
EP 0273658	A	06-07-1988	AT 57924 T	15-11-1990
			AU 591007 B2	23-11-1989
			AU 8266087 A	23-06-1988
			CA 1302421 C	02-06-1992
			CN 87108175 A , B	06-07-1988
			CY 1682 A	10-10-1993
			DE 3765919 D1	06-12-1990
			DK 664887 A	23-06-1988
			EG 18230 A	30-10-1992
			EP 0273658 A1	06-07-1988
			GR 3001207 T3	30-07-1992
			HK 69693 A	30-07-1993
			HU 47561 A2	28-03-1989
			IL 84863 A	29-03-1992
			JP 2549681 B2	30-10-1996
			JP 63185946 A	01-08-1988
			KR 9603808 B1	22-03-1996

# INTERNATIONAL SEARCH REPORT

Int. Application No  
PCT/GB 03/05357

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0273658	A	MX 9845 A	01-12-1993
		NZ 222980 A	28-11-1989
		PH 26556 A	19-08-1992
		PT 86389 A , B	01-01-1988
		SG 114992 G	29-01-1993
		SU 1598865 A3	07-10-1990
		US 4956388 A	11-09-1990
		US 5023269 A	11-06-1991
		ZA 8709472 A	30-08-1989
WO 03062219	A	31-07-2003	WO 03062219 A1
			31-07-2003